

From: Bercik, Lisa M. [lisa.bercik@aptim.com]
Sent: Tuesday, June 9, 2020 8:56 AM
To: Mccray, Sean-Ryan CTR (USA) [sean-ryan.mccray.ctr@navy.mil]
Subject: [Non-DoD Source] RE: Digital Distribution of Parcel F Survey Report
Attachments: Parcel F Field Work Summary_June 2020.pptx

Sean-Ryan,

Please review and let me know if you have comments/questions. The photos are repetitive - alpha/beta scanning is not that exciting. Let me know if there's something else you're looking for.

Do you want discuss background of the structures? Or keep it simple?

Thanks,
Lisa

Lisa Bercik, PE, QSD, QSP
Project Manager

APTIM | Project Management

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E lisa.bercik@aptim.com

From: Bercik, Lisa M.
Sent: Monday, June 8, 2020 5:00 PM
To: Mccray, Sean-Ryan CTR (USA) <sean-ryan.mccray.ctr@navy.mil>
Subject: RE: Digital Distribution of Parcel F Survey Report

I can have a PowerPoint presentation ready for you to review no later than Wednesday.

Lisa Bercik, PE, QSD, QSP
Project Manager

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From: Mccray, Sean-Ryan CTR (USA) <sean-ryan.mccray.ctr@navy.mil>
Sent: Monday, June 8, 2020 11:59 AM

To: Bercik, Lisa M. <lisa.bercik@aptim.com>
Subject: RE: Digital Distribution of Parcel F Survey Report

Hi Lisa,

Thanks for distributing the Parcel F Survey Report on Friday – much appreciated.

As mentioned last week, Derek would like us to put together a quick fieldwork summary of the work performed at Parcel F (5 slides or less).

Is it possible to pull something quick together? I'm thinking can use the CIM PowerPoint we have but update it a bit to reflect the more recently completed work.

Derek has asked for something by the end of the week, do you think this is possible? If you can get me the CIM PP and some updated photos / discussion points I can pull it together.

Thanks,

SR

From: Mccray, Sean-Ryan CTR (USA)
Sent: Thursday, June 4, 2020 3:38 PM
To: 'Bercik, Lisa M.' <lisa.bercik@aptim.com>
Subject: RE: Digital Distribution of Parcel F Survey Report

Thanks!

Also, Derek has asked that we pull together a "fieldwork update" for the BCT. I'd like it to be about 5 slides or less, so maybe we can just use the CIM meeting, or our previous Parcel F fieldwork update (with some newer photos included).

Let's discuss next week, if possible.

SR

From: Bercik, Lisa M. <lisa.bercik@aptim.com>
Sent: Thursday, June 4, 2020 3:14 PM
To: Mccray, Sean-Ryan CTR (USA) <sean-ryan.mccray.ctr@navy.mil>
Subject: [Non-DoD Source] RE: Digital Distribution of Parcel F Survey Report

Yes, we can upload and submit via the APTIM secure ftp site, and yes, I received the cover letter.

Lisa Bercik, PE, QSD, QSP
Project Manager

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From: Mccray, Sean-Ryan CTR (USA) <sean-ryan.mccray.ctr@navy.mil>
Sent: Thursday, June 4, 2020 3:13 PM
To: Bercik, Lisa M. <lisa.bercik@aptim.com>
Subject: Digital Distribution of Parcel F Survey Report

Lisa,

Is it still possible to send the Parcel F Survey Report via the APTIM web link? I spoke to Paul and it seems this would be consistent with pervious distributions during Covid-19.

Can you confirm you received yesterday's cover letter I sent too?

Thanks,

Sean-Ryan McCray
Environmental Engineering Contracted Technical Support II
Contractor, Navy BRAC PMO West
San Diego, CA 92147
Direct: (619) 507-2949



Radiological Characterization of Parcel F Structures

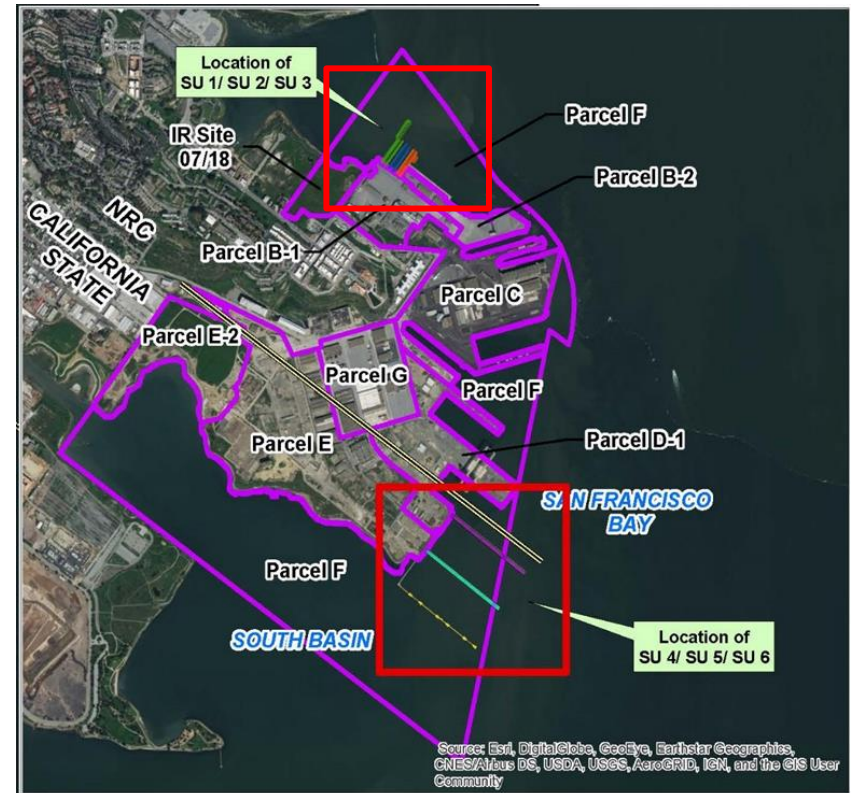
**Hunters Point Naval Shipyard,
San Francisco, California**

June 2020

Radiological Scoping Surveys of Parcel F Structures



- **Scope of work: Perform scoping surveys of Parcel F structures**
 - **Submarine Pens (Drydocks 5, 6, 7 and associated Ship Berths 61, 62, 63, and 64) located off Parcel B)**
 - **Finger Piers (Finger Piers 1, 2, and 3 and associated Ship Berths 23-28, 30-35, and 37-42) located off Parcels D-1 and E**



Scoping Survey Summary



- **Objective:** characterize potential residual radioactivity of the submarine pens and finger piers.
- **ROCs:** ^{137}Cs , ^{239}Pu , ^{226}Ra , ^{90}Sr
- Submarine pens and finger piers consisted of three (3) Class 2 survey units (SUs) each (total of 6 SUs)
- **Class 2 scoping survey included:**
 - 100% gamma survey of accessible surfaces
 - 25% alpha/beta scan per SU
 - Surveys included manholes and grates
 - For the submarine pens, the surveys included components of the suction and discharge system
 - Collection of 54 systematic samples (static and smear) per SU
 - Solid (concrete) samples were collected to support characterization of locations with elevated activity
 - 34 samples collected at submarine pens
 - 5 samples collected at finger piers
- **Surveys began in August 2019 and completed in March 2020**

Scoping Survey Results



Submarine Pens

- Radiological scoping survey identified areas of alpha exceedances above the release criterion in SUs 1, 2, and 3
- Based on analytical data, the alpha exceedances do not appear to be the result of historical Navy operations
- Further investigation of the submarine pens focusing on alpha activity on concrete surface is recommended
- Draft report submitted to agencies on June 5

Finger Piers

- Radiological scoping survey identified areas of alpha exceedances above the release criterion in SUs 4, 5, and 6
- Based on static and analytical data, the alpha exceedances do not appear to be the result of historical Navy operations
- Recommendations are under development
- Draft report due to agencies on September 10

Submarine Pens - Photographs



Guard rails at SU 3



Gamma survey in SU 3

Submarine Pens - Photographs



Alpha/beta survey of horizontal surfaces



Alpha/beta survey of SU 3 sidewalls from pontoon boat

Finger Piers - Photographs



Alpha/beta survey



Alpha/beta survey of accessible grates in SU 6

Finger Piers - Photographs



Gamma survey of SU 5



Alpha/beta survey of SU 5, openings covered with plywood for safety

Questions?

